

#5

10/14/97

472

cal. metal disk

1/2 taped
washedcal apparatus
41.2

446

IRSF

45cc

2 clearing puffs

30 sec puff intervals

F.I.A.L. SM350/SM400		Test 39: Puff = 45.0ml in 1.97sec				11:59	16/10/97
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Cumulative UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	10.4	2.0	0.0	10.4	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

11:39 16/10/97 Test 39: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
Channel Sample Number LIT UNLIT MEAN Obsr'd Corr'd CO/cig
Number Description Smoked Puffs Puffs Puffs CO % CO % mg

1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	10.4	2.0	10.4	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375910

#4

ISO

10/16/97

1/2 taped
Washed41.1
449

1 R 5 F

45cc

2 Clearing Puffs

30 sec Puff intervals

F.I.A.L. SM350/SM400 Test 38: Puff = 45.0ml in 1.98sec 11:43 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs	
						LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	9.6	2.0	0.0	9.6	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375911

11:43 16/10/97 Test 38: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	9.6	2.0	9.6	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375912

#3

ISO 10/16/97

cal. apparatus

1/2 Taped
Washed41.1
44.9

1R5F

45cc

2 cleaning puffs

30 sec puff intervals

F.I.A.L. SM350/SM400		Test 37: Puff = 45.0ml in 1.97sec				11:32 16/10/97	
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	9.0	2.0	0.0	9.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375913

11:32 16/10/97 Test 37: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
 Channel Sample Number LIT UNLIT MEAN Obsr'd Corr'd CO/cig
 Number Description Smoked Puffs Puffs Puffs CO % CO % mg
 1 0 0.0 2.0 0.0 0.00 0.00 0.00
 2 0 0.0 2.0 0.0 0.00 0.00 0.00
 3 0 0.0 2.0 0.0 0.00 0.00 0.00
 4 1 9.0 2.0 9.0 0.00 0.00 0.00
 5 0 0.0 2.0 0.0 0.00 0.00 0.00
 6 0 0.0 2.0 0.0 0.00 0.00 0.00
 7 0 0.0 2.0 0.0 0.00 0.00 0.00
 8 0 0.0 2.0 0.0 0.00 0.00 0.00
 9 0 0.0 2.0 0.0 0.00 0.00 0.00
 10 0 0.0 2.0 0.0 0.00 0.00 0.00
 11 0 0.0 2.0 0.0 0.00 0.00 0.00
 12 0 0.0 2.0 0.0 0.00 0.00 0.00
 13 0 0.0 2.0 0.0 0.00 0.00 0.00
 14 0 0.0 2.0 0.0 0.00 0.00 0.00
 15 0 0.0 2.0 0.0 0.00 0.00 0.00
 16 0 0.0 2.0 0.0 0.00 0.00 0.00
 17 0 0.0 2.0 0.0 0.00 0.00 0.00
 18 0 0.0 2.0 0.0 0.00 0.00 0.00
 19 0 0.0 2.0 0.0 0.00 0.00 0.00
 20 0 0.0 2.0 0.0 0.00 0.00 0.00

PM3000375914

#2

ISO 10/16/97

1/2 taped
Washedcal apparatus
41.3
44.4

IR5F

30 sec Puff interval
2 clearing Puffs

F.I.A.L. SM350/SM400		Test 36: Puff = 45.0ml in 1.97sec				11:21 16/10/97	
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Cumulative UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	9.0	2.0	0.0	9.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375915

11:21 16/10/97 Test 36: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 69%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsrvd CO %	Corr'd CO %	CO/cig mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	9.0	2.0	9.0	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375916

ISO 10/16/97

40.7
44.8

~~1/2 taped~~
upashed

IR5F

45cc
2 clearing puffs
30 sec puff interval

F.I.A.L. SM350/SM400 Test 35: Puff = 45.0ml in 1.97sec 11:10 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs	
						LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	9.4	2.0	0.0	9.4	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375917

11:10 16/10/97 Test 35: 45.0ml in 1.97sec
COA Check: Expected = 0.00% Zero = 0.00%

P = 1028.0mbar T = 22.0degC
Before = N/A % R.H: 60%

Channel	Sample	Number	LIT	UNLIT	MEAN	Obsr'd	Corr'd	CO/cig
Number	Description	Smoked	Puffs	Puffs	Puffs	CO %	CO %	mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	9.4	2.0	9.4	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375918

IM16
 (Monitor in between 10th samples)
 10/14/97
 ISO
 Washed

Cal Apparatus
 41.2
 446

45cc
 30 sec puff interval
 2 clearing puffs

F.I.A.L. SM350/SM400 Test 34: Puff = 45.0ml in 1.98sec 10:56 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	Cumulative Puffs UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	11.0	2.0	0.0	11.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375919

10:56 16/10/97 Test 34: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
 Channel Sample Number LIT UNLIT MEAN Obsrvd Corr'd CO/cig
 Number Description Smoked Puffs Puffs Puffs CO % CO % mg
 1 0 0.0 2.0 0.0 0.00 0.00 0.00
 2 0 0.0 2.0 0.0 0.00 0.00 0.00
 3 0 0.0 2.0 0.0 0.00 0.00 0.00
 4 1 11.0 2.0 11.0 0.00 0.00 0.00
 5 0 0.0 2.0 0.0 0.00 0.00 0.00
 6 0 0.0 2.0 0.0 0.00 0.00 0.00
 7 0 0.0 2.0 0.0 0.00 0.00 0.00
 8 0 0.0 2.0 0.0 0.00 0.00 0.00
 9 0 0.0 2.0 0.0 0.00 0.00 0.00
 10 0 0.0 2.0 0.0 0.00 0.00 0.00
 11 0 0.0 2.0 0.0 0.00 0.00 0.00
 12 0 0.0 2.0 0.0 0.00 0.00 0.00
 13 0 0.0 2.0 0.0 0.00 0.00 0.00
 14 0 0.0 2.0 0.0 0.00 0.00 0.00
 15 0 0.0 2.0 0.0 0.00 0.00 0.00
 16 0 0.0 2.0 0.0 0.00 0.00 0.00
 17 0 0.0 2.0 0.0 0.00 0.00 0.00
 18 0 0.0 2.0 0.0 0.00 0.00 0.00
 19 0 0.0 2.0 0.0 0.00 0.00 0.00
 20 0 0.0 2.0 0.0 0.00 0.00 0.00

PM3000375920

#5 ISO 10/16/97
~~1/2 taped~~
Refashed

Cal. apparatus
41.1
44.8

IR4F

45 cc
2 clearing puffs
30 sec puff intervals

F.I.A.L. SM350/SM400 Test 33: Puff = 45.0ml in 1.98sec 10:43 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	Cumulative Puffs UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	11.9	2.0	0.0	11.9	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375921

10:43 16/10/97 Test 33: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
Channel Sample Number LIT UNLIT MEAN Obsr'd Corr'd CO/cig
Number Description Smoked Puffs Puffs Puffs CO % CO % mg

1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	11.7	2.0	11.7	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

#4

ISO

10/16/97

Cal Apparatus

1/2 taped
washed

40.7

44.5

1R4F

45cc

2 clearing puffs

30 sec puff interval

F.I.A.L. SM350/SM400 Test 32: Puff = 45.0ml in 1.97sec 10:30 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs	
						LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	13.3	2.0	0.0	13.3	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375923

10:30 16/10/97 Test 32: 45.0ml in 1.97sec F = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
Channel Sample Number LIT UNLIT MEAN Obsr'd Corr'd CO/cig
Number Description Smoked Puffs Puffs Puffs CO % CO % mg

1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	13.3	2.0	13.3	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

#2

ISO

10/10/97

col apparatus

41.1

1/2 taped

44.7

Washed

IR4 F

45cc

2 clearing puffs

30 sec puff intervals

F.I.A.L. SM350/SM400 Test 31: Puff = 45.0ml in 1.98sec 10:16 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	13.8	2.0	0.0	13.8	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375925

10:16 16/10/97 Test 31: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
 Channel Sample Number LIT UNLIT MEAN Obsv'd Corr'd CO/cig
 Number Description Smoked Puffs Puffs Puffs CO % CO % mg
 1 0 0.0 2.0 0.0 0.00 0.00 0.00
 2 0 0.0 2.0 0.0 0.00 0.00 0.00
 3 0 0.0 2.0 0.0 0.00 0.00 0.00
 4 1 13.8 2.0 13.8 0.00 0.00 0.00
 5 0 0.0 2.0 0.0 0.00 0.00 0.00
 6 0 0.0 2.0 0.0 0.00 0.00 0.00
 7 0 0.0 2.0 0.0 0.00 0.00 0.00
 8 0 0.0 2.0 0.0 0.00 0.00 0.00
 9 0 0.0 2.0 0.0 0.00 0.00 0.00
 10 0 0.0 2.0 0.0 0.00 0.00 0.00
 11 0 0.0 2.0 0.0 0.00 0.00 0.00
 12 0 0.0 2.0 0.0 0.00 0.00 0.00
 13 0 0.0 2.0 0.0 0.00 0.00 0.00
 14 0 0.0 2.0 0.0 0.00 0.00 0.00
 15 0 0.0 2.0 0.0 0.00 0.00 0.00
 16 0 0.0 2.0 0.0 0.00 0.00 0.00
 17 0 0.0 2.0 0.0 0.00 0.00 0.00
 18 0 0.0 2.0 0.0 0.00 0.00 0.00
 19 0 0.0 2.0 0.0 0.00 0.00 0.00
 20 0 0.0 2.0 0.0 0.00 0.00 0.00

PM3000375926

#2

10/16/97

cal. apparatus

40.2

43.5

1/2 taped
washed

1R45

45cc

30 sec Puff intervals
2 clearing Puffs

F.I.A.L. SM350/SM400 Test 30: Puff = 45.0ml in 1.97sec 10:01 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	Cumulative Puffs UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	14.0	2.0	0.0	14.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375927

10:01 16/10/97 Test 30: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsr'd CO %	Corr'd CO %	CO/cig mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	14.0	2.0	14.0	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375928

#1

ISC

10/16/97

Cal Apparatus

41.1

44.4

IR4F

1/2 taped
Washed

45cc

2 cleaning puffs

30 sec puff interval

F.I.A.L. SM350/SM400 Test 29: Puff = 45.0ml in 1.97sec 09:46 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	13.8	2.0	0.0	13.8	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375929

09:46 16/10/97 Test 29: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
 Channel Sample Number LIT UNLIT MEAN Obsrvd Corr'd CO/cig
 Number Description Smoked Puffs Puffs Puffs CO % CO % mg

1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	13.8	2.0	13.8	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

#5

10/16/97

ISO

untaped
flushed

cal. apparatus

34.7

42.5

42.6

44.0

* had to keep
adjusting
apparatus

IR5F

45cc

2 clearing puffs

30 sec puff intervals

F.I.A.L. SM350/SM400 Test 2B: Puff = 45.0ml in 1.97sec 09:30 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	11.0	2.0	0.0	11.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375931

02:30 16/10/97 Test 28: 45.0ml in 1.97sec P = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel	Sample	Number	LIT	UNLIT	MEAN	Obsr'd	Corr'd	CO/cig
Number	Description	Smoked	Puffs	Puffs	Puffs	CO %	CO %	mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	11.0	2.0	11.0	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

#4

10/16/97
ISO
Unmasked
Untaped

Cal. apparatus
40.6
44.4

1R5F

45cc

2 clearing puffs
30 sec puff interval

F.I.A.L. SM350/SM400 Test 27: Puff = 45.0ml in 1.98sec 09:12 16/10/97

Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	Cumulative Puffs UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	10.8	2.0	0.0	10.8	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375933

09:12 16/10/97 Test 27: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%
Channel Sample Number LIT UNLIT MEAN Obsr'd Corr'd CO/cig
Number Description Smoked Puffs Puffs Puffs CO % CO % mg

1	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
2	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
3	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
4	.....	1	10.8	2.0	10.8	0.00	0.00	0.00
5	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
6	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
7	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
8	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
9	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
10	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
11	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
12	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
13	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
14	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
15	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
16	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
17	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
18	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
19	.....	0	0.0	2.0	0.0	0.00	0.00	0.00
20	.....	0	0.0	2.0	0.0	0.00	0.00	0.00

#3

10/16/97
ISO
untaped
washedCal apparatus
39.7
44.1
44.3

IR 5F

45 cc
30 sec puff interval
& clearing puffs

F.I.A.L. SM350/SM400		Test 26: Puff = 45.0ml in 1.98sec				08:59 16/10/97	
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Puffs LIT	UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	11.0	2.0	0.0	11.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375935

08:59 16/10/97 Test 26: 45.0ml in 1.98sec P = 1028.0mbar T = 22.0degC
COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel	Sample	Number	LIT	UNLIT	MEAN	Obsr'd	Corr'd	CO/cig
Number	Description	Smoked	Puffs	Puffs	Puffs	CO %	CO %	mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	11.0	2.0	11.0	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375936

#2

10/16/97

Cal apparatus

41.4

45.1

ISO

untaped - washed

IR 5 F

45 cc

2 clearing puffs

36 sec puff interval

F.I.A.L. SM350/SM400		Test 25: Puff = 45.0ml in 1.97sec				08:41 16/10/97	
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Cumulative UNLIT
1	0	0.0	2.0	0.0	0.0	2.0
2	0	0.0	2.0	0.0	0.0	2.0
3	0	0.0	2.0	0.0	0.0	2.0
4	1	13.0	2.0	0.0	13.0	2.0
5	0	0.0	2.0	0.0	0.0	2.0
6	0	0.0	2.0	0.0	0.0	2.0
7	0	0.0	2.0	0.0	0.0	2.0
8	0	0.0	2.0	0.0	0.0	2.0
9	0	0.0	2.0	0.0	0.0	2.0
10	0	0.0	2.0	0.0	0.0	2.0
11	0	0.0	2.0	0.0	0.0	2.0
12	0	0.0	2.0	0.0	0.0	2.0
13	0	0.0	2.0	0.0	0.0	2.0
14	0	0.0	2.0	0.0	0.0	2.0
15	0	0.0	2.0	0.0	0.0	2.0
16	0	0.0	2.0	0.0	0.0	2.0
17	0	0.0	2.0	0.0	0.0	2.0
18	0	0.0	2.0	0.0	0.0	2.0
19	0	0.0	2.0	0.0	0.0	2.0
20	0	0.0	2.0	0.0	0.0	2.0

PM3000375937

08:41 16/10/97 Test 25: 45.0ml in 1.97sec F = 1028.0mbar T = 22.0degC
 COA Check: Expected = 0.00% Zero = 0.00% Before = N/A % R.H: 60%

Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Obsrvd CO %	Corr'd CO %	CO/cig mg
1	0	0.0	2.0	0.0	0.00	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00	0.00
4	1	13.0	2.0	13.0	0.00	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00	0.00

PM3000375938

#1

10/16/97

ISO
unloaded
untaped41.2
45.4

1R5F

45sec
30 sec puff intervals
2 cleaning puffs

F.I.A.L.		SM350/SM400		Test 24:		Puff = 45.0ml in 1.98sec		08:12		16/10/97	
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Puffs Diff.	Cumulative LIT	Cumulative UNLIT				
1	0	0.0	2.0	0.0	0.0	2.0				
2	0	0.0	2.0	0.0	0.0	2.0				
3	1	11.0	2.0	0.0	11.0	2.0				
4	0	0.0	2.0	0.0	0.0	2.0				
5	0	0.0	2.0	0.0	0.0	2.0				
6	0	0.0	2.0	0.0	0.0	2.0				
7	0	0.0	2.0	0.0	0.0	2.0				
8	0	0.0	2.0	0.0	0.0	2.0				
9	0	0.0	2.0	0.0	0.0	2.0				
10	0	0.0	2.0	0.0	0.0	2.0				
11	0	0.0	2.0	0.0	0.0	2.0				
12	0	0.0	2.0	0.0	0.0	2.0				
13	0	0.0	2.0	0.0	0.0	2.0				
14	0	0.0	2.0	0.0	0.0	2.0				
15	0	0.0	2.0	0.0	0.0	2.0				
16	0	0.0	2.0	0.0	0.0	2.0				
17	0	0.0	2.0	0.0	0.0	2.0				
18	0	0.0	2.0	0.0	0.0	2.0				
19	0	0.0	2.0	0.0	0.0	2.0				
20	0	0.0	2.0	0.0	0.0	2.0				

08:12	16/10/97	Test 24:	45.0ml	in 1.98sec	P = 1028.0mbar	T = 22.0degC	
COA Check:	Expected = 0.00%				Before = N/A	R-Hz 60%	
Channel Number	Sample Description	Number Smoked	LIT Puffs	UNLIT Puffs	MEAN Puffs	Observed CD %	Corr'd CD %
1		0	0.0	2.0	0.0	0.00	0.00
2		0	0.0	2.0	0.0	0.00	0.00
3		0	0.0	2.0	0.0	0.00	0.00
4		1	11.0	2.0	11.0	0.00	0.00
5		0	0.0	2.0	0.0	0.00	0.00
6		0	0.0	2.0	0.0	0.00	0.00
7		0	0.0	2.0	0.0	0.00	0.00
8		0	0.0	2.0	0.0	0.00	0.00
9		0	0.0	2.0	0.0	0.00	0.00
10		0	0.0	2.0	0.0	0.00	0.00
11		0	0.0	2.0	0.0	0.00	0.00
12		0	0.0	2.0	0.0	0.00	0.00
13		0	0.0	2.0	0.0	0.00	0.00
14		0	0.0	2.0	0.0	0.00	0.00
15		0	0.0	2.0	0.0	0.00	0.00
16		0	0.0	2.0	0.0	0.00	0.00
17		0	0.0	2.0	0.0	0.00	0.00
18		0	0.0	2.0	0.0	0.00	0.00
19		0	0.0	2.0	0.0	0.00	0.00
20		0	0.0	2.0	0.0	0.00	0.00

SM14
10/14/97
ISO
washed

Case. apparatus
41.3
45.0

45cc
Releasing Puffs
30 sec puff interval

F.I.A.L.	SM350/SM400	Test 23:	Puff = 45.0ml in 1.98sec	07:48	16/10/97
Channel Number	Sample Description	Sample Number	LIT Puffs	UNLIT Puffs	Cumulative Puffs UNLIT
1	0	0.0	2.0	2.0
2	0	0.0	2.0	2.0
3	0	0.0	2.0	2.0
4	1	11.0	2.0	11.0
5	0	0.0	2.0	2.0
6	0	0.0	2.0	2.0
7	0	0.0	2.0	2.0
8	0	0.0	2.0	2.0
9	0	0.0	2.0	2.0
10	0	0.0	2.0	2.0
11	0	0.0	2.0	2.0
12	0	0.0	2.0	2.0
13	0	0.0	2.0	2.0
14	0	0.0	2.0	2.0
15	0	0.0	2.0	2.0
16	0	0.0	2.0	2.0
17	0	0.0	2.0	2.0
18	0	0.0	2.0	2.0
19	0	0.0	2.0	2.0
20	0	0.0	2.0	2.0

07:48	16/10/97	Test 23:	45.0ml in 1.98sec	07:48	16/10/97
COA Check:	Sample	Expected = 0.00%	Zero	Obs'd	Corr'd
Channel Number	Description	Number Smoked	LIT Puffs	CO %	CO %
1	0	0.0	0.00	0.00
2	0	0.0	0.00	0.00
3	0	0.0	0.00	0.00
4	1	11.0	0.00	0.00
5	0	0.0	0.00	0.00
6	0	0.0	0.00	0.00
7	0	0.0	0.00	0.00
8	0	0.0	0.00	0.00
9	0	0.0	0.00	0.00
10	0	0.0	0.00	0.00
11	0	0.0	0.00	0.00
12	0	0.0	0.00	0.00
13	0	0.0	0.00	0.00
14	0	0.0	0.00	0.00
15	0	0.0	0.00	0.00
16	0	0.0	0.00	0.00
17	0	0.0	0.00	0.00
18	0	0.0	0.00	0.00
19	0	0.0	0.00	0.00
20	0	0.0	0.00	0.00

P = 1028.0mbar
Before
MEAN
Puffs
0.0
0.0
0.0
11.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0
0.0

T = 22.0degC
R.H: 60%

10/16/97
ISO
Washed

Dry Puff

Cal. metal
date
47.3
47.5
Cal Apparatus
41.3
45.0

45cc
2 cleaning Puffs
30 sec Puff interval

F.I.A.L. - BM350/SM400		Test 22:		Puff = 45.0ml in 1.97sec		07:30		16/10/97	
Channel Number	Sample Description	Sample Number	Lit Puffs	UNLIT Puffs	Puffs Diff.	Cumulative Lit	Puffs UNLIT		
1	0	0.0	2.0	0.0	0.0	2.0		
2	0	0.0	2.0	0.0	0.0	2.0		
3	0	0.0	2.0	0.0	0.0	2.0		
4	1	10.0	2.0	0.0	10.0	2.0		
5	0	0.0	2.0	0.0	0.0	2.0		
6	0	0.0	2.0	0.0	0.0	2.0		
7	0	0.0	2.0	0.0	0.0	2.0		
8	0	0.0	2.0	0.0	0.0	2.0		
9	0	0.0	2.0	0.0	0.0	2.0		
10	0	0.0	2.0	0.0	0.0	2.0		
11	0	0.0	2.0	0.0	0.0	2.0		
12	0	0.0	2.0	0.0	0.0	2.0		
13	0	0.0	2.0	0.0	0.0	2.0		
14	0	0.0	2.0	0.0	0.0	2.0		
15	0	0.0	2.0	0.0	0.0	2.0		
16	0	0.0	2.0	0.0	0.0	2.0		
17	0	0.0	2.0	0.0	0.0	2.0		
18	0	0.0	2.0	0.0	0.0	2.0		
19	0	0.0	2.0	0.0	0.0	2.0		
20	0	0.0	2.0	0.0	0.0	2.0		

07:30 16/10/97 Test 22:		45.0ml in 1.97sec		P = 1028.0mbar		T = 22.0degC	
Channel Number	Sample Description	Number Smoked	Lit Puffs	UNLIT Puffs	Before MEAN Puffs	N/A % Observed	R.H. 60% CD/cig
1	0	0.0	2.0	0.0	0.00	0.00
2	0	0.0	2.0	0.0	0.00	0.00
3	0	0.0	2.0	0.0	0.00	0.00
4	1	10.0	2.0	10.0	0.00	0.00
5	0	0.0	2.0	0.0	0.00	0.00
6	0	0.0	2.0	0.0	0.00	0.00
7	0	0.0	2.0	0.0	0.00	0.00
8	0	0.0	2.0	0.0	0.00	0.00
9	0	0.0	2.0	0.0	0.00	0.00
10	0	0.0	2.0	0.0	0.00	0.00
11	0	0.0	2.0	0.0	0.00	0.00
12	0	0.0	2.0	0.0	0.00	0.00
13	0	0.0	2.0	0.0	0.00	0.00
14	0	0.0	2.0	0.0	0.00	0.00
15	0	0.0	2.0	0.0	0.00	0.00
16	0	0.0	2.0	0.0	0.00	0.00
17	0	0.0	2.0	0.0	0.00	0.00
18	0	0.0	2.0	0.0	0.00	0.00
19	0	0.0	2.0	0.0	0.00	0.00
20	0	0.0	2.0	0.0	0.00	0.00